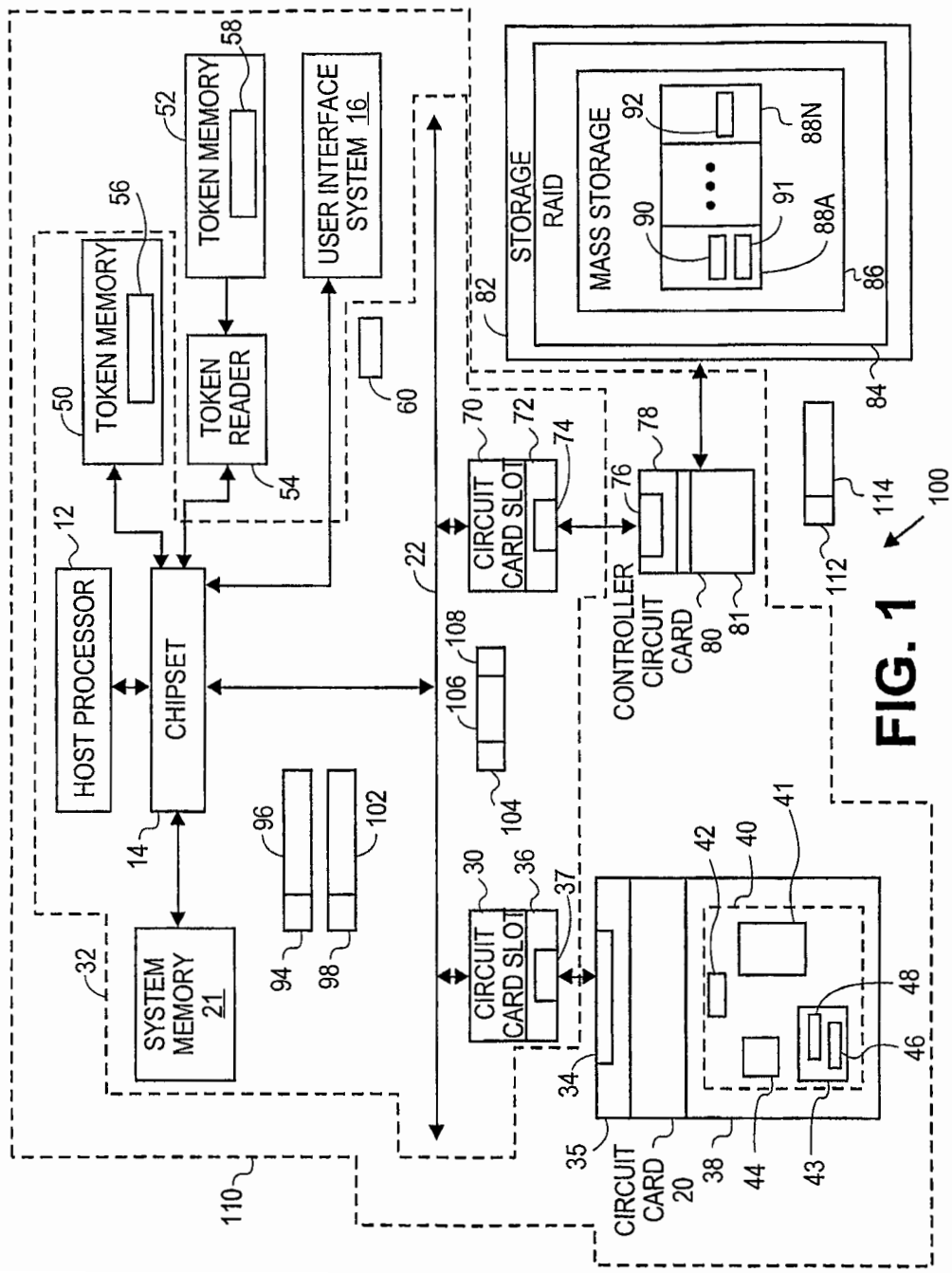

HOST PROCESSOR
12
CHIPSET
14
SYSTEM MEMORY 21
32
TOKEN MEMORY
50
56
TOKEN READER
54
TOKEN MEMORY
52
58
USER INTERFACE SYSTEM 16
60
22
CIRCUIT CARD SLOT
30
36
37
CIRCUIT CARD SLOT
70
72
74
CONTROLLER CIRCUIT CARD
76
78
80
81
STORAGE RAID MASS STORAGE
82
84
86
88A
88N
90
91
92
94
96
98
102
104
106
108
110
112
114
100
CIRCUIT CARD 20
34
35
38
40
41
42
43
44
46
48

FIG. 1

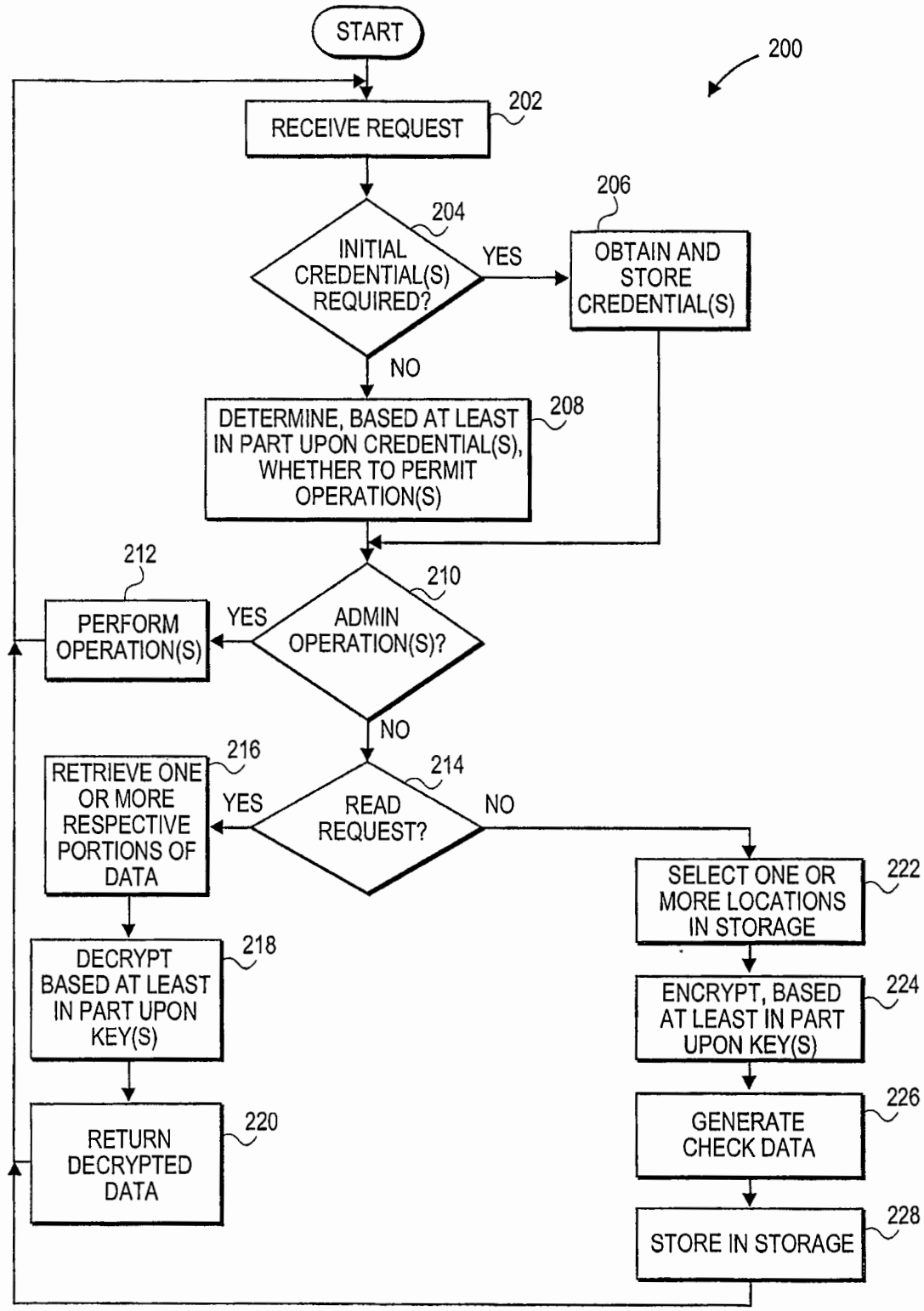

START
200
RECEIVE REQUEST
202
INITIAL CREDENTIAL(S) REQUIRED?
204
YES
206
OBTAIN AND STORE CREDENTIAL(S)
NO
DETERMINE, BASED AT LEAST IN PART UPON CREDENTIAL(S), WHETHER TO PERMIT OPERATION(S)
208
ADMIN OPERATION(S)?
210
YES
PERFORM OPERATION(S)
212
NO
READ REQUEST?
214
YES
RETRIEVE ONE OR MORE RESPECTIVE PORTIONS OF DATA
216
NO
SELECT ONE OR MORE LOCATIONS IN STORAGE
222
DECRYPT BASED AT LEAST IN PART UPON KEY(S)
218
ENCRYPT, BASED AT LEAST IN PART UPON KEY(S)
224
RETURN DECRYPTED DATA
220
GENERATE CHECK DATA
226
STORE IN STORAGE
228

FIG. 2

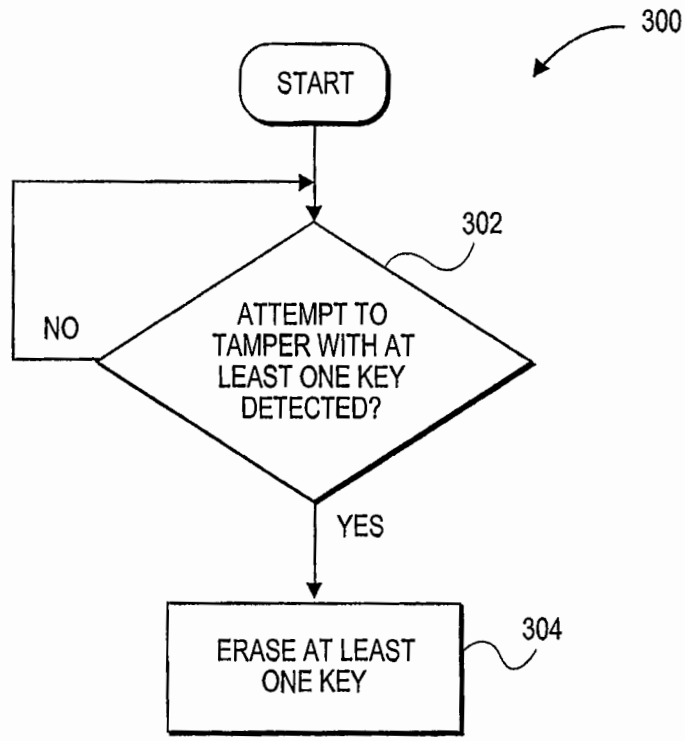

300
START
302
ATTEMPT TO TAMPER WITH AT LEAST ONE KEY DETECTED?
NO
YES
ERASE AT LEAST ONE KEY
304

FIG. 3